IN THE CLAIMS

Please add the new claims as follows:

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26. The brake system of Claim 1, further comprising:

a second vehicle brake, said vehicle brake and said second vehicle brake being mounted on an axle of a vehicle, said normal source of pressurized hydraulic brake fluid adapted to selectively supply hydraulic brake fluid to said vehicle brake and said second vehicle brake, said backup source of pressurized hydraulic brake fluid comprising a master cylinder:

a first backup fluid conduit extending between said master cylinder and said first vehicle brake to selectively provide fluid communication between said backup source and said first vehicle brake; and
a second backup fluid conduit extending between said master cylinder and said second vehicle brake to selectively provide fluid communication between said backup source and said second vehicle brake.

27. The brake system of Claim 1, further comprising:
a second vehicle brake, said vehicle brake and said second vehicle brake
distributed on a first vehicle axle;
a third and a fourth vehicle brake on a second vehicle axle;
a normal hydraulic energy source, having electrically controllable brake valve
devices disposed between said energy source and said vehicle brakes;
a brake pedal;
a first brake system sensor that is actuated by said brake pedal, for carrying out
brake operations by operation of the electrically controllable brake valve devices;
a master cylinder supplying two brake circuits, said master cylinder being
actuated by said brake pedal and being intended for carrying out a backup brake
operation by muscle-powered energy via said brake pedal, each brake circuit being in
fluid communication with at least one of said vehicle brakes;
a respective normally open isolation valve being disposed between said master
cylinder and said vehicle brakes in each of said two brake circuits, each of said
isolation valves being switched into a closed position when said vehicle brakes are
supplied with fluid from said normal hydraulic energy source, and wherein at least the
electrically controllable brake valve devices are controlled by a control unit; and
a respective fluid separator unit being interposed between each of said first and
second vehicle brakes of said first vehicle axle and an associated one of the electrically
controllable brake valve devices, said first and second vehicle brakes being connected
to a respective one of said isolation valves associated with said two brake circuits of
said master cylinder.
said master cymider.

28. The brake system of Claim 1, further comprising:
a second vehicle brake, each of said vehicle brake and said second vehicle
brake comprising respective wheel brakes for two wheels, in which the wheels are
distributed at each end of a front vehicle axle;
said normal source of pressurized hydraulic brake fluid having electrically
controllable brake valve devices disposed between said normal source and said wheel
brakes, said electrically controllable brake valve devices being controlled by a control
unit in response to a braking demand signal;
a brake pedal;
said backup source comprising a master cylinder supplying two brake circuits,
said master cylinder being actuated by said brake pedal and being intended for
carrying out a backup brake operation by muscle-powered energy via said brake pedal,
each of said brake circuits being in fluid communication with a respective one of said
wheel brakes; and
a respective normally open isolation valve being disposed between said master
cylinder and said respective one of said wheel brakes in each brake circuit, each of
said isolation valves being electrically switched into a closed position when said whee
brakes are supplied with fluid from said normal source, one of said normally open
isolation valves comprising said valve for selectively preventing the flow of hydraulic
brake fluid between the backup source and said vehicle brake.
29. The brake system of Claim 28, said normal source including a motor
driven pump for pumping hydraulic brake fluid from a reservoir, wherein said
electrically controllable brake valve devices are arranged to block a respective flow
path from said normal source to said wheel brakes and to open a respective flow path
from said wheel brakes to said reservoir when no braking is being demanded.

•	30. The brake system of Claim 1, further comprising:
	a second vehicle brake, each of said vehicle brake and said second vehicle
	brake comprising respective wheel brakes for two wheels, in which the wheels are
	distributed at each end of a front vehicle axle;
	a hydraulic fluid reservoir;
al x	said normal source of pressurized hydraulic brake fluid having a motor-driven
Conc	pump for pumping hydraulic brake fluid from said reservoir;
	a brake pedal;
	said backup source of pressurized hydraulic fluid comprising a master cylinder
	supplying two brake circuits, said master cylinder being actuated by said brake pedal
	and being intended for carrying out a backup brake operation by muscle-powered
	energy via said brake pedal, each of said brake circuits being in fluid communication
	with a respective one of said wheel brakes; and
	a respective electrically controllable brake valve device associated with each of
	said wheel brakes, said electrically controllable brake valve devices being arranged to
	block a respective flow path from said normal source to said wheel brakes and to open
	a respective flow path from said wheel brakes to said reservoir when no braking is
	being demanded.

	31. The brake system of Claim 18, further comprising:
	an axle of a vehicle;
	a first wheel brake mounted on said axle;
	a second wheel brake mounted on said axle;
	a normal source of pressurized hydraulic brake fluid adapted to selectively
supr	bly hydraulic brake fluid to said first wheel brake and said second wheel brake;
	a backup source of pressurized hydraulic brake fluid comprising a master
cyli	nder;
	a first backup fluid conduit extending between said master cylinder and said
<u>first</u>	wheel brake to selectively provide fluid communication between said backup
sou	rce and said first wheel brake; and
	a second backup fluid conduit extending between said master cylinder and said
seco	ond wheel brake to selectively provide fluid communication between said backup
SOII	rce and said second wheel brake.

32. The brake system of Claim 18, further comprising:
wheel brakes for four wheels, in which the wheels are distributed with a first
and second wheel brake on a first vehicle axle and a third and a fourth wheel brake on
a second vehicle axle;
a normal hydraulic energy source, having electrically controllable brake valve
devices disposed between said energy source and said wheel brakes;
said brake system sensor actuated by said brake pedal, for carrying out brake
operations by operation of the electrically controllable brake valve devices;
a master cylinder supplying two brake circuits, said master cylinder being
actuated by said brake pedal and being intended for carrying out a backup brake
operation by muscle-powered energy via said brake pedal, each brake circuit being in
fluid communication with at least one of said wheel brakes;
a respective normally open isolation valve being disposed between said master
cylinder and said wheel brakes in each of said two brake circuits, each of said isolation
valves being switched into a closed position when said wheel brakes are supplied with
fluid from said normal hydraulic energy source, and wherein at least the electrically
controllable brake valve devices are controlled by a control unit; and
a respective fluid separator unit being interposed between each of said first and
second wheel brakes of said first vehicle axle and an associated one of the electrically
controllable brake valve devices, said first and second wheel brakes being connected
to a respective one of said isolation valves associated with said two brake circuits of
said master cylinder.

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33. The brake system of Claim 18, further comprising:
wheel brakes for two wheels, in which the wheels are distributed at each end of
a front vehicle axle;
a normal source of pressurized hydraulic brake fluid, having electrically
controllable brake valve devices disposed between said normal source and said wheel
brakes, said electrically controllable brake valve devices being controlled by a control
unit in response to a braking demand signal;
a master cylinder supplying two brake circuits, said master cylinder being
actuated by said brake pedal and being intended for carrying out a backup brake
operation by muscle-powered energy via said brake pedal, each of said brake circuits
being in fluid communication with a respective one of said wheel brakes; and
a respective normally open isolation valve being disposed between said master
cylinder and said respective one of said wheel brakes in each brake circuit, each of
said isolation valves being electrically switched into a closed position when said wheel
brakes are supplied with fluid from said normal source.
34. The hydraulic brake system of Claim 33, said normal source including a
motor driven pump for pumping hydraulic brake fluid from a reservoir, wherein said
electrically controllable brake valve devices are arranged to block a respective flow

path from said normal source to said wheel brakes and to open a respective flow path

from said wheel brakes to said reservoir when no braking is being demanded.

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35. The brake system of Claim 18, further comprising:
wheel brakes for two wheels, in which the wheels are distributed at each end of
a front vehicle axle;
a hydraulic fluid reservoir;
a normal source of pressurized hydraulic brake fluid, having a motor-driven
pump for pumping hydraulic brake fluid from said reservoir;
a master cylinder supplying two brake circuits, said master cylinder being
actuated by said brake pedal and being intended for carrying out a backup brake
operation by muscle-powered energy via said brake pedal, each of said brake circuits
being in fluid communication with a respective one of said wheel brakes; and
a respective electrically controllable brake valve device associated with each of
said wheel brakes, said electrically controllable brake valve devices being arranged to
block a respective flow path from said normal source to said wheel brakes and to open
a respective flow path from said wheel brakes to said reservoir when no braking is
heing demanded

	36. A brake system comprising:
	an axle of a vehicle;
	a first wheel brake mounted on said axle;
	a second wheel brake mounted on said axle;
	a normal source of pressurized hydraulic brake fluid adapted to selectively
1 /	supply hydraulic brake fluid to said first wheel brake and said second wheel brake;
Cer,	a backup source of pressurized hydraulic brake fluid comprising a master
	cylinder;
	a first backup fluid conduit extending between said master cylinder and said
	first wheel brake to selectively provide fluid communication between said backup
	source and said first wheel brake;
	a second backup fluid conduit extending between said master cylinder and said
	second wheel brake to selectively provide fluid communication between said backup
	source and said second wheel brake; and
	a respective valve arrangement being disposed between said master cylinder
	and said wheel brakes in each of said first backup fluid conduit and said second
	backup fluid conduit, which enables said normal source of pressurized hydraulic brake
	fluid to selectively act upon said respective vehicle brakes via a portion of said backup
	source.

37. A hydraulic brake system for a vehicle comprising:
wheel brakes for four wheels, in which the wheels are distributed with a first
and second wheel brake on a first vehicle axle and a third and a fourth wheel brake on
a second vehicle axle;
a normal hydraulic energy source, having electrically controllable brake valve
devices disposed between said energy source and said wheel brakes;
a brake pedal;
a first brake system sensor that is actuated by said brake pedal, for carrying out
brake operations by operation of the electrically controllable brake valve devices;
a master cylinder supplying two brake circuits, said master cylinder being
actuated by said brake pedal and being intended for carrying out a backup brake
operation by muscle-powered energy via said brake pedal, each brake circuit being in
fluid communication with at least one of said wheel brakes;
a respective normally open isolation valve being disposed between said master
cylinder and said wheel brakes in each of said two brake circuits, each of said isolation
valves being switched into a closed position when said wheel brakes are supplied with
fluid from said normal hydraulic energy source, and wherein at least the electrically
controllable brake valve devices are controlled by a control unit; and
a respective fluid separator unit being interposed between each of said first and
second wheel brakes of said first vehicle axle and an associated one of the electrically
controllable brake valve devices, said first and second wheel brakes being connected
to a respective one of said isolation valves associated with said two brake circuits of
said master cylinder, said respective fluid separator units enabling said normal source
of pressurized hydraulic brake fluid to selectively act upon said respective vehicle
brakes via a portion of said backup source.

38. A hydraulic brake system for a vehicle comprising:	
wheel brakes for two wheels, in which the wheels are distributed at each end	of
a front vehicle axle;	
a normal source of pressurized hydraulic brake fluid, having electrically	
controllable brake valve devices disposed between said normal source and said who	<u>eel</u>
brakes;	
a brake pedal;	
a master cylinder supplying two brake circuits, said master cylinder being	
actuated by said brake pedal and being intended for carrying out a backup brake	
operation by muscle-powered energy via said brake pedal, each of said brake circu	<u>its</u>
being in fluid communication with a respective one of said wheel brakes; and	
a respective normally open isolation valve being disposed between said mas	<u>ter</u>
cylinder and said respective one of said wheel brakes in each brake circuit, each of	
said isolation valves being electrically switched into a closed position when said w	hee
brakes are supplied with fluid from said normal source, and at least the electrically	
controllable brake valve devices being controlled by a control unit in response to a	
braking demand signal, each of said isolation valves enabling said normal source of	<u> f</u>
pressurized hydraulic brake fluid to selectively act upon said vehicle brake via a	
portion of said backup source.	

39. The hydraulic brake system of Claim 23, said normal source including a motor driven pump for pumping hydraulic brake fluid from a reservoir, wherein said electrically controllable brake valve devices are arranged to block a respective flow path from said normal source to said wheel brakes and to open a respective flow path from said wheel brakes to said reservoir when no braking is being demanded.

_	40. A hydraulic brake system for a vehicle comprising:
_	wheel brakes for two wheels, in which the wheels are distributed at each end of
<u>a</u>	front vehicle axle;
_	a hydraulic fluid reservoir;
_	a normal source of pressurized hydraulic brake fluid, having a motor-driven
<u>pı</u>	ump for pumping hydraulic brake fluid from said reservoir;
	a brake pedal;
_	a master cylinder supplying two brake circuits, said master cylinder being
<u>ac</u>	ctuated by said brake pedal and being intended for carrying out a backup brake
<u>o</u> j	peration by muscle-powered energy via said brake pedal, each of said brake circuits
<u>b</u> 6	eing in fluid communication with a respective one of said wheel brakes; and
_	a respective electrically controllable brake valve device associated with each of
<u>sa</u>	aid wheel brakes, said electrically controllable brake valve devices being arranged to
<u>b</u> !	lock a respective flow path from said normal source to said wheel brakes and to open
<u>a</u>	respective flow path from said wheel brakes to said reservoir when no braking is
<u>b</u> (eing demanded, said respective valve devices enabling said normal source of
<u>p</u> r	ressurized hydraulic brake fluid to selectively act upon said respective vehicle brakes
v	ia a portion of said backup source